**BRUHATH BANGALORE MAHANAGARA PALIKE**

**MODIFIED SCHEDULE - B**

**Name of Work : Asphalting of damaged reaches in Shettyhalli & Mallasandra, in Ward No.12, of Shettyhalli Sub Division.**

| Sl. No | Description | Unit | Qty | Rates | |
|---|---|---|---|---|---|
| | | | | In Figs | In Words |
| 1 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications | Cum | 1466.05 | 65.88 | Rupees sixty-five and eighty-eight paise only |
| 2 | Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. Close graded granular sub-base material as per 400-1 For Grading- I | Cum | 608.18 | 1060.56 | Rupees one thousand, sixty and fifty-six paise only |
| 3 | Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications | Cum | 810.90 | 1121.04 | Rupees one thousand, one hundred twenty-one and four paise only |
| 4 | Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. | Sqm | 4054.50 | 44.28 | Rupees forty-four and twenty-eight paise only |
| 5 | Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with payer finisher to the required level and grade, rolling by power roller to Achieve the desired density, but excluding cost of primer I tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. | Cum | 80.35 | 6646.32 | Rupees six thousand, six hundred forty-six and thirty-two paise only |

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| Sl. No | Description | Unit | Qty | Rates | |
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| | | | | In Figs | In Words |
| 6 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. | Sqm | 3650.00 | 2.59 | Rupees two and fifty-nine paise only |
| 7 | Providing and applying tack coat using 80/100 grade bitumen(VGIO) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mchancial broom, complete as per specifications. | Sqm | 4015.00 | 11.99 | Rupees eleven and ninety-nine paise only |
| 8 | Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects complete as per specifications. | Cum | 161.63 | 9631.44 | Rupees nine thousand, six hundred thirty-one and forty-four paise only |
| 9 | Carriage of mixed materials 10kms | Cum | 241.98 | 56.16 | Rupees fifty-six and sixteen paise only |
| 10 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 | Cum | 1466.05 | 72.71 | Rupees seventy-two and seventy-one paise only |

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